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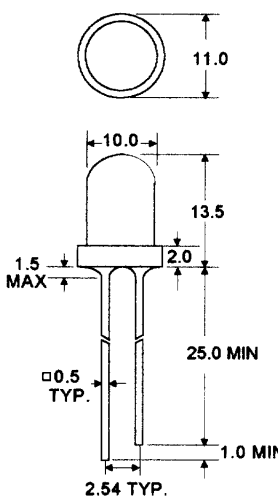
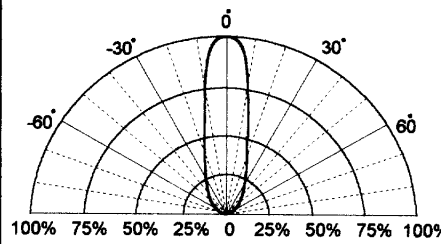


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Jameco Part Number 138683

LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS				LVX3630		SERIES					
Package Dimension						Radiation					
											
Note: All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.											
Part Selection And Application Information (Ratings At 25°C Ambient)											
PART NO	MATERIAL	COLOR		peak wave length λ_{Pnm}	spectral halfwidth $\Delta\lambda$ nm	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2 θ 1/2 (deg)	
		Emitted	Len's			Min	Max	Min	Typ.		
LSR3630	GaAlAs	Red	Red Diffused	660	20	1.5	2.4	50	100	32	
LHR3630	GaAlAs	Red	Red Diffused	660	20	1.5	2.4	120	200	32	
LUR3630	GaAlAs	Red	Red Diffused	660	20	1.5	2.4	300	500	32	
LVG3630	GaP	Green	Green Diffused	565	30	1.7	2.8	25	40	32	
LVY3630	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	18	30	32	
LUY3630	AlGaInP	Yellow	Yellow Diffused	595	15	1.7	2.8	300	500	32	
Absolute Maximum Rating (Ta=25°C)											
PARAMETER	RED			GREEN		YELLOW		ORANGE		UNIT	REMARK
	SR	HR	UR	VG		VY	UY				
Forward Current	40	40	40	30		20	50			mA	
Peak Current Duty 1/10 @1Khz	200	200	200	120		80	200			mA	
Power Dissipation	80			100		60	100			mW	
Reverse Current @5V	10			10		10				μA	
Operating Temperature	-40°C TO +85°C										
Storage Temperature	-40°C TO +100°C										
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)											
文件編號: QW0905-LVX3630				版本: B				生效日期: Jun. 7. 1997			